

METHODS AND SYSTEMS FOR CREATING LAYER-FORMED PLASTIC ELEMENTS WITH IMPROVED PROPERTIES

ABSTRACT OF THE DISCLOSURE

5 Methods and systems for changing properties of a layer-formed plastic part
comprised of at least one plastic material are disclosed. In one embodiment, an
electromagnetic radiation source is provided and the layer-formed plastic part is positioned
within a potential exposure range of the electromagnetic radiation source. An exposure of
radiation from the electromagnetic radiation source operable to change the property of the
layer-formed plastic part from the existing state to an altered state is determined. The layer-
10 formed plastic part is then exposed to the radiation to change the property of the layer-
formed plastic part to the altered state.

